

We claim:

1. A method for the integrating a plurality of automation components in a uniform running level model of a respective runtime system (RTS) of an industrial controller (S), comprising the steps of:
 - a) analyzing running properties of each automation component;
 - b) deriving a structure for a uniform running level model from said running properties which satisfies the requirements of said each automation component;
 - c) assigning a set of system and user levels tasks into the running level model; and
 - d) programming at least one user level.
2. The method for integrating a plurality of automation components as claimed in claim 1, further comprising prioritizing the system and user level tasks.
3. The method for the integration of a plurality of automation components as claimed in claim 2, further comprising deriving a basic clock of the running level model from one of an internal timer, an internal clock, an external device and a variable which belongs to the technological process.
4. The method of claim 3 wherein user level tasks are loaded into the at least one user level.
5. The method of claim 4, further comprising programmed accessing overall

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functionality of a controller from the user programs.